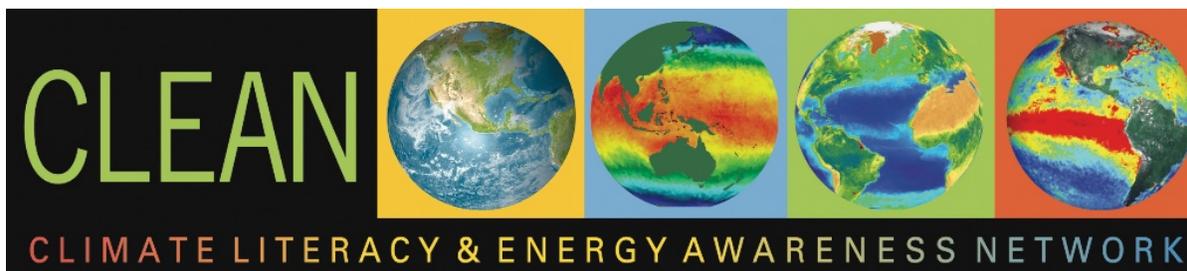
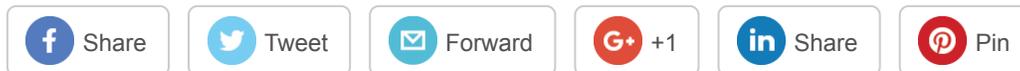


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[Earth's Seasons Animation](#) | [Phenology Activity](#) | [News for the New Season](#)

## ***CLEAN STEM Flash***

A Timely Climate and Energy E-Learning Series to Use and Share

### **Topic: Spring Equinox**

Spring into action with these resources for teaching about seasonal changes!

#### **CLEAN Resource Feature**

**Animation:** [Earth's Seasons](#)

This short animation from the Rochester Museum & Science Center explains and demonstrates the cause of Earth's seasons.

*Video length: 2:23 min.*

Find more resources on [the spring equinox](#) in the CLEAN Collection.

This animation shows a clear and straightforward visualization of Earth's tilt and explains exactly how seasons are experienced in



with a demonstration like [The Four Seasons](#) to help your students develop a better understanding of this phenomenon.

### **CLEAN Resource Feature**

#### **Activity: [Blooming Thermometers](#)**

In this class activity from the National Center for Atmospheric Research, students develop an understanding of phenology, the relationship between natural phenomena, weather, and climate change.

*Activity length: one class period.*

**Find more activities about [phenology](#) here!**

While learning about phenology, students will also look at cultural events that are shaped by climate. By studying the Japanese springtime festival of Hanami, students can put seasonal changes into a cultural context. Check out the Teaching Tips section of this resource for ideas on how to expand the lesson material.



### **Climate & Energy in the News**

The [2018 Spring Climate Outlook Report](#) released by NOAA predicts a minor to moderate flood risk throughout the Mississippi watershed



report for other predictions in your area!

## Explore the CLEAN collection of climate & energy learning resources

CLEAN supports teaching and learning about climate and energy with 650+ free peer-reviewed, scientifically accurate, and classroom-ready resources.

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